Wednesday June 22
Overview of Occupancy Modeling with Camera Trap Data

- The occupancy approach and broad application to camera data (830-930pm)

- The Single Season Model and Review of Statistical Background (930-1115)

- Introduction to PRESENCE (demo) – fitting single season models with covariates (1115-noon)
MARIANNA'S PACA DATA?

LUNCH
Continuing the Single Season Model (finish exercise then lecture) 1-3pm

- Single season model; assumptions, extensions

- Single season study design

Case Study Exercise #1 – Single Season Model (3-530pm) BOBCAT DATA

Thursday June 23
Multiple Season Model (830-930 am)

- Multi-season Model: Description

- Multi-season Model: characterizing dynamics, sensitivity

Demonstration of Multi-season models in PRESENCE (930-1015am) UNICORNS

Case Study #2 – Multi-season Example Exercise (1015-noon) SKINKS
LUNCH
Multi-Method introduction (1-130pm)
Case Study #3 (Nutria) 130-330pm NUTRIA
Additional model options relevant to camera data (e.g. Co-occurrence) (330-430pm)
Discussion of R package unmarked and demo? RPresence (430-530pm)

Friday June 24
GenPres Demonstration and Study Design Discussion (morning)

- Could focus on Power Analysis worksheet and/or some version of Multiseason Study Design Worksheet.
Focus on project planning.